

Title (en)

Flowable chips and methods and apparatus for their preparation and use of same

Title (de)

Fliessfähige Späne, Verfahren und Vorrichtung zu ihrer Herstellung und ihrer Anwendung

Title (fr)

Copeaux sous forme fluide, procédés et appareillage pour leur fabrication ainsi que leur utilisation

Publication

**EP 1338682 A2 20030827 (EN)**

Application

**EP 03250759 A 20030206**

Priority

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- US 29812902 A 20021114

Abstract (en)

A method for recharging a crucible with polycrystalline silicon comprises adding flowable chips to a crucible used in a Czochralski-type process. Flowable chips are polycrystalline silicon particles made from polycrystalline silicon prepared by a chemical vapor deposition process, and flowable chips have a controlled particle size distribution, generally nonspherical morphology, low levels of bulk impurities, and low levels of surface impurities. Flowable chips can be added to the crucible using conventional feeder equipment, such as vibration feeder systems and canister feeder systems. <IMAGE>

IPC 1-7

**B07B 13/04**; **C30B 15/02**

IPC 8 full level

**C30B 15/00** (2006.01); **C30B 15/02** (2006.01)

CPC (source: EP KR US)

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